

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Chang-Qing Shu	01/07/2013
RECEIVING PARTY DATA	
Name:	Convergys Customer Management Delaware, LLC
Street Address:	201 East Fourth Street
City:	Cincinnati
State/Country:	OHIO
Postal Code:	45202
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	12414060
Application Number:	13351383
Application Number:	13679350
CORRESPONDENCE DATA	
Fax Number:	5136516981
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	5136516800
Email:	ctarvin@fbtlaw.com
Correspondent Name:	Frost Brown Todd LLC
Address Line 1:	301 East Fourth Street
Address Line 2:	3300 Great American Tower
Address Line 4:	Cincinnati, OHIO 45202
ATTORNEY DOCKET NUMBER:	1160215.0548267
NAME OF SUBMITTER:	Ritu Singh
Total Attachments: 2 source=12414060AssignmentShu#page1.tif source=12414060AssignmentShu#page2.tif	

OP \$120.00 12414060

## ASSIGNMENT

The undersigned (hereinafter "Assignor") of the residence(s) indicated below are the inventor(s) of certain invention(s) and embodiment(s) thereof (hereinafter collectively the "Invention") described in a United States Patent Application Serial Number 12/414,060, filed on March 30, 2009, titled METHOD AND SYSTEM FOR CREATING NATURAL LANGUAGE UNDERSTANDING GRAMMARS (hereinafter the "Application").

Convergys Customer Management Delaware, LLC, a limited liability company having a principal place of business at 201 East Fourth Street, Cincinnati, Ohio 45202, and its successors, assigns, and legal representatives (hereinafter collectively "Assignee") desires to secure the entire right, title and interest in and to the Invention.

For good and valuable consideration, the receipt and adequacy of which is acknowledged, Assignor hereby:

1. Sells, assigns and transfers to Assignee the entire right, title and interest in and to the Invention, the Application, any other applications to which the Application claims priority benefit, including but not limited to related provisional applications, any other patent applications based in whole or in part upon the Invention or Application in any country (including Patent Cooperation Treaty, divisional, renewal, substitute, continuation, and continuation-in-part applications), all patents and other forms of intellectual property protection which may be granted thereon (including all reissues, reexaminations, and extensions thereof), and all priority rights appertaining thereto;

2. Authorizes Assignee to file applications for patents and other forms of intellectual property protection on the Invention in any country in the name of Assignee, or otherwise as Assignee may deem advisable;

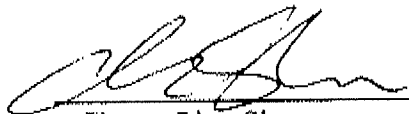
3. Authorizes and requests the Director of the United States Patent & Trademark Office, and such patent office officials in foreign countries as are duly authorized by their laws to issue patents, to issue any patents on the Invention to Assignee as the owner of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Agrees, without expense to Assignor but without further consideration, to carry out in good faith the intent and purpose of this Assignment by executing all divisional, renewal, substitute, continuation, continuation-in-part, reissue, and all other patent applications based on the Invention; executing all rightful oaths, assignments, powers of attorney and other papers; communicating to Assignee all facts known to Assignor relating to the Invention and the history thereof; and generally, doing everything reasonably possible which Assignee shall consider desirable for aiding in securing, maintaining, and enforcing proper protection for the Invention and for vesting title in Assignee to the Invention and all patent applications and patents based on the Invention;

5. Represents and warrants that Assignor has the full right to convey to Assignee the entire interest to the Invention, and that Assignor has not executed, and will not execute, any agreement in conflict herewith; and

6. Authorizes Frost Brown Todd, LLC to insert in this Assignment the serial number and filing date of the Application or any other information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

Sole or first inventor:

Signature: 

Date: 1/7/2013

Full Name:

Chang-Qing Shu

Residence:

5987 Lake Pointe Dr. Apt 704

Orlando, FL 32822

STATE OF \_\_\_\_\_ )

) SS:

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me \_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

Notary Public: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

2643013